## As Used in Sections 91c. End 144c) of the Atomic Energy Act

"With regard to the words 'substantial progress' in the second provise of subsection 91c. (4) Dit is intended that the cooperating nation must have achieved considerably more than a mere theoretical knowledge of atomic-weapons design, or the testing of a limited number of atomic weapons. It is intended that the cooperating nation must have achieved a capability on its own of fabricating a variety of atomic weapons, and constructed and operated the necessary facilities, including weapons research and development laboratories, weapon-manufacturing facilities, a weapon-testing station, and trained personnel to operate each of these facilities. It is intended that full information shall be provided the Joint Committee as to the basis of any such determimation. In reaching the conclusion as to the intended meaning of 'substantial progress,' and the types of material and the conditions established under subsection 91c., the Joint Committee relied heavily upon the good faith of the executive branch in its assertion in the January 27, 1958, letter forwarding the proposed amendments that--

It is not intended that manufactured nuclear components of weapons could be transferred under this amendment, nor that we promote the entry of additional nations into the field of production of nuclear weapons."

a/ The identical requirement for "substantial progress" is required by Section 144e. of the Atomic Energy Act of 1958.

Source: House of Representatives Report No. 1849, titled: Report of the Joint Committee on Atomic Energy (To accompany H.R. 12716) for 85th Congress, Second Session, dated June 5, 1958, Page 12

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